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SR²

Fully Penetrating Stain Resistor



Product Description

Ameripolish® SR^{2™} is a penetrating stain repellent specifically formulated to protect polished, dyed and non-dyed concrete from oil and water-based stains. The water and oil repelling qualities of SR^{2™} provides superior stain protection on most substrates. SR^{2™} can be used as a standalone product but, to obtain optimum performance, Ameripolish® SR^{2™} is recommended for use with Ameripolish® 3D HS or HSL Densifiers.

Features

- Non-topical, penetrating sealer
- VOC exempt & non-flammable
- Treated surfaces 'breathe' and do not trap moisture
- Excellent stain repellency for residential, commercial, and even industrial applications
- Extreme hydrophobic and oleophobic characteristics for maximum stain resistance
- Oil and food stain resistance
- Long-lasting protection
- High coverage rate
- Safe for surfaces that experience high traffic
- Few instances of color change (slightly darkens concrete)
- Compatibility to bond with Ameripolish Color System components to protect color in slab
- Provides a chance to clean up spills before they stain or etch a surface

Uses

Ameripolish® SR^{2™} is ideal to be used on:

- New or existing polished concrete
- Exposed concrete flooring

Dilution & Coverage

Ameripolish® SR^{2™} is shipped Ready to Use (RTU) and should not be mixed with any other chemical. Approximate coverage rate is 3,000 - 5,000 sqft per gallon.

Product Specification

Application:	Spray and Ameripolish® Microfiber Pad
Appearance:	Clear
VOC:	Compliant (5g/l)
Shelf life:	1 year
Solvent:	Proprietary (non-hazardous)

Packaging Specification

Product #	Shipping Wt.	Container
SR2-1	10 lbs.	1 gallon RTU
SR2-5	50 lbs.	5 gallons RTU
SR2-30	300 lbs.	30 gallons RTU
SR2-55	550 lbs.	55 gallons RTU
SR2-250	2,500 lbs.	250 gallons RTU



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Preparation

Thoroughly clean the surface that Ameripolish® SR^{2™} is to be applied to, removing all oil, dirt, and other contaminants. Vacuum and clean the surface with auto-scrubber and fresh water, allowing it to dry thoroughly. Caulking, patching, and joint sealants should be installed before application, or joint preparation will be needed to ensure caulk adhesion. This product will not prevent water penetration through structural cracks, defects, or open joints. Surfaces should dry for proper penetration.

Application

Prior to starting, apply SR^{2™} to sample area of each type of concrete to be treated, using application procedures proposed for the project. Confirm that concrete is receptive to SR^{2™}. 3D HS[™] or 3D HSL[™] is recommended to expand SR^{2™} coverage rates and add stain resistance. Preferred method of application is with a pump sprayer fitted with Green #4 or similar conical mist tip with 4.2 gal/hr flow at 40psi, (15.9 L/hr at 275.8 kPa) and an Ameripolish® microfiber pad.

Ambient temperature should be 40-90°F (4-32°C) during application. Do not apply over 90°F (32°C); avoid application on hot, windy days. SR^{2™} provides the best protection when applied in a light “film” coat.

1. Spray a light mist of SR^{2™} onto concrete surface and immediately spread evenly with Ameripolish® microfiber pad. Apply enough material to keep the surface wet for about a minute before penetrating; attain 100% coverage, without either dry streaking or puddling.
2. Mop out any puddles thoroughly until they completely penetrate the surface.
3. NOTE: For Vertical Surfaces apply enough material to thoroughly wet the surface in a uniform application. Do not allow rundown below the spray pattern.
4. Burnish with a high-speed burnisher, fitted with a 3000 grit or finer diamond-impregnated pad, or auto-scrub with white pad to remove surface haze.

5. Chemical resistance gains strength over time. Avoid etching agents for seven days if possible. Areas that will be exposed to excessive, ongoing spills or extremely porous substrates may benefit from a second application of SR^{2™} before burnishing.

Next Steps

Floor is ready for light foot traffic when SR^{2™} is dry to touch; protect treated surfaces from traffic for at least one hour. SR^{2™} gains its chemical resistance and water repellency after 24 hours, and it cures fully within seven days. However, even after becoming densified and polished, concrete is still a porous substrate.

Cleanup

Clean tools and equipment immediately with mineral spirits or equivalent cleaning solvent. Always remove rundown and spills immediately.

Storage

- Store upright in safe dry place at 40-110F° (4 -43C°)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

VOC Compliance

In addition, Ameripolish® SR^{2™} offers VOC compliance with low VOC at 5g/L and is also compliant with national, state and district regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts*
- South Coast Air Quality Management District*
- Maricopa County, AZ
- Northeast Ozone Transport Commission*

*Before application, verify product conformance with local and state codes.

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Warning & Safety Information

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY! Safety Data Sheets (SDS) can be found online at www.ameripolish.com or upon request by contacting Ameripolish at 1-800-592-9320.

SURFACES MUST BE CLEAN AND DRY BEFORE APPLICATION OF THE PRODUCT. NEW SLABS MUST HAVE CURED FOR AT LEAST 28 DAYS BEFORE APPLICATION. For best results perform a moisture content test on both newly-poured and existing slabs. Slabs with a moisture content of 5 lbs per foot or less show best performance (calcium chloride test per ASTM F1869.) High moisture levels may affect performance of product. Do not apply if concrete is frozen, dirty, or has standing water. Test surface absorbency with a light water spray – concrete surface should wet uniformly. If concrete does not wet uniformly, remove any surface contaminants with appropriate cleaning treatment or mechanical process.

Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.